**Problem Space**

**Social Robot Co-Design Canvases**

# **Users**

## **Groups**

### **Primary Users**

Older Adults

### **Secondary Users**

Older Adults’ relatives or caretakers (e.g. son/daughter, caretaker, etc.), person living alone

## **Characteristics**

### **Primary Users**

* Probably lonely
* Wants attention
* Might have a bit of knowledge of using technologies but not that well-versed with it, or might not have any knowledge at all

### **Secondary Users**

* Cares for the primary users
* Might have some more knowledge about technologies than primary users
* Assists primary users with their daily lives

## **Goals**

### **Primary Users**

* Entertain themselves
* Conversate with someone
* Alleviate loneliness
* Relieve boredom

### **Secondary Users**

* Ensure primary users are entertained even when they are away
* Set up Pepper for the primary users

# **Robot**

## **Tasks**

* Entertain users
* Have a conversation with users
* Play with users
* Respond to users

## **Advantages**

### **Social Skills**

Since robots are programmed and acts with logic, it can have a more positive interaction with humans.

### **User’s emotional response**

### **Personalization**

### **Precise Tasks**

### **Data Collection with Sensors**

### **Mobility**

### **Environment Manipulation**

### **Connection to Systems**